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DEPT. OF TRANSPORTATION  
DOCKETS

FOR DOCKETS FILE

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EVALUATION FORM FOR  
EXEMPTION MODIFICATIONS

EXEMPTION NUMBER/REVISION: 11993 Fourth Revision  
APPLICANT: Breed Technologies  
APPLICATION DATE: 9/19/02  
APPLICATION NUMBER: 45111

EXEMPTION MODIFICATION REQUEST:

1. Modify hold time at test 178.65(f)(1)
2. Add & modify 178.65(f)(3) for shifts beyond 10 hrs.
3. Remove flattening test requirement.

JUSTIFICATION FOR ACTION:

1. Typical rate of strain for the cylinder at test pressure at 30 seconds or less has a negligible effect on the cylinder (distortion or leakage) based on current information available from industry.
2. Current airbag industry manufacturing practices necessitate longer production shift time,
3. Pressure vessels are fabricated under state of the art manufacturing processes that include Helium leak testing. Current welding and materials technology within the automotive and aerospace communities have evolved to a level of sophistication that allows for alternative means to establish weld quality and repeatability. All current airbag exemptions (e.g., E-11494, E-11777, E-11506, 11650, 12844) do not have this requirement, and it is most likely a carry over from older exemptions (i.e., DOT-E12122)

**Recommendation: Grant proposed mods referenced above.**

REVISIONS MADE TO PARAGRAPH(S): 7.b.1.i & 2

PROJECT OFFICER: S.Staniszewski *SS*

DATE: 3/25/2003

PROGRAM CHIEF: *SS*

DATE: 3/26/03

OFFICE DIRECTOR: *SS for CHH*

DATE: 3/26/03

NON-TECHNICAL

CHANGES?  
I don't see  
7.b request  
from Breed. *SS*  
Was this ~~VERBAL~~ *3/25*  
Need written